

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits     | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|----------|--|---|------------------|---------|---------------------|
| S1    | 12494462 | @ad<"20011101"<br>@rlad<"20011101"                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>16:34 |
| S2    | 40619    | remote near2 access\$3                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>16:34 |
| S3    | 876      | S2 and (SOAP near5<br>protocol)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>16:35 |
| S4    | 234      | S3 and S1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>16:35 |
| S5    | 1        | "20030084128" and (file<br>near2 system)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>17:56 |
| S6    | 1        | "20030084128" and (local<br>near2 file near2 system) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/07/29<br>17:57 |
| S7    | 1        | "20070263007"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2009/04/14<br>16:35 |
| S8    | 1        | 10/053402  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2009/04/14<br>16:57 |
| S9    | 95192    | remote with access\$3                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2009/04/14<br>16:59 |

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|-----|----------|--|---|----|----|---------------------|
| S10 | 2229770  | (periodically repeat\$3 recursively)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:00 |
| S11 | 24301    | (periodically repeat\$3 recursively) with (poll\$3 pull \$3)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:00 |
| S12 | 12515866 | @ad<"20011101"<br>@rlad<"20011101"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:01 |
| S13 | 24334    | S10 and S12 and S9   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:01 |
| S14 | 30958    | remote with access\$3 with<br>(data file documents)                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:01 |
| S15 | 9010     | S13 and S14  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:01 |
| S16 | 1417     | (periodically repeat\$3 recursively) with (poll\$3 pull \$3) with request\$3 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:02 |
| S17 | 706      | S16 and S12  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:02 |
| S18 | 68       | S17 and S14  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:02 |
| S19 | 378      | retriv\$3 with (data file<br>information)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:52 |
| S20 | 0        | S18 and S19  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>17:52 |

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|-----|----------|---|---|----|----|---------------------|
| S21 | 1        | 10/053402 and medium  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>18:29 |
| S22 | 1        | 10/053402 and subsystem   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/14<br>18:32 |
| S23 | 4        | 10/046447   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:27 |
| S24 | 2289     | (periodically repeat\$3<br>recursively) with (poll\$3 pull<br>\$3 retriev\$3) with request\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:38 |
| S25 | 161      | (periodically repeat\$3<br>recursively) with (poll\$3 pull<br>\$3 retriev\$3) with request\$3<br>with (fil\$3 document\$1)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:39 |
| S26 | 12515866 | @ad<"20011101"<br>@rlad<"20011101"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:39 |
| S27 | 12515866 | S26   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:39 |
| S28 | 96       | S25 and S26   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:39 |
| S29 | 206      | (periodically repeat\$3<br>recursively) with (poll\$3 pull<br>\$3 retriev\$3) with request\$3<br>with (fil\$3 document\$1 e-mail<br>\$1 email\$1 (electronic near2<br>mail\$1)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:42 |
| S30 | 127      | S29 and S26   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>11:42 |

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|-----|----------|--|---|----|----|---------------------|
| S31 | 1        | "20020059181"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>12:58 |
| S32 | 12515866 | @ad<"20011101"<br>@rlad<"20011101"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:21 |
| S33 | 30958    | remote with access\$3 with<br>(data file documents)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:22 |
| S34 | 138269   | remote with stor\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:22 |
| S35 | 8788     | S33 and S34 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:23 |
| S36 | 8885     | (SOAP near5 protocol)<br>(simple with object with<br>protocol)                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:23 |
| S37 | 223      | S35 and S36  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:23 |
| S38 | 816741   | (upload\$3 up\$load\$3 forward<br>\$3 transmit\$4) with (data\$1<br>file\$1 document\$1) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:25 |
| S39 | 210      | S37 and S38  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:25 |
| S40 | 144163   | remote near5 location  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:26 |
| S41 | 75       | S39 and S40  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:26 |

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|-----|--------|--|---|----|----|---------------------|
| S42 | 107347 | (upload\$3 up\$load\$3 forward \$3 transmit\$4 load\$3) with request\$3 with (data\$1 file \$1 document\$1)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:34 |
| S43 | 116094 | (upload\$3 up\$load\$3 forward \$3 transmit\$4 load\$3) with request\$3 with (data\$1 file \$1 document\$1 content\$1) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:34 |
| S44 | 109    | S43 and S36 and S40 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:34 |
| S45 | 21419  | (upload\$3 up\$load\$3 load \$3) with request\$3 with (data \$1 file\$1 document\$1 content \$1)                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:48 |
| S46 | 26     | S44 and S45  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:48 |
| S47 | 127    | (private LAN) with (behal\$3) with request\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:55 |
| S48 | 60     | S47 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>20:55 |
| S49 | 60     | S48 and request\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:03 |
| S50 | 73067  | retriev\$3 with request\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:10 |
| S51 | 30     | S50 and S49  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:10 |
| S52 | 9920   | identif\$3 with (file\$1 document) with request\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:27 |

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| S53 | 18458  | (identif\$3 retriev\$3) with (file \$1 document) with request \$3 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:27 |
| S54 | 165    | S53 and S36 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:27 |
| S55 | 190498 | remote near5 (location storage)                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:28 |
| S56 | 59     | S54 and S55   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:28 |
| S57 | 692    | wak\$3 near5 LAN  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:34 |
| S58 | 255    | S57 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:34 |
| S59 | 3250   | wake near5 (periodically repeat\$3 recurr\$3 timer)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:35 |
| S60 | 12     | S58 and S59   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:35 |
| S61 | 0      | S60 and (retriv\$3 with transmit\$4) near5 request                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:36 |
| S62 | 1560   | S32 and S59   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:36 |
| S63 | 0      | (retriv\$3 with transmit\$4) near5 request\$1                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:36 |

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| S64 | 1      | (retriv\$3 with transmit\$4)<br>with request\$1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:36 |
| S65 | 37786  | (upload\$3 up\$load\$3<br>transmit\$4) near5 request\$1<br>near5 (file\$1 document\$1<br>data) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:38 |
| S66 | 89     | S62 and S65  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:38 |
| S67 | 89     | S66 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:38 |
| S68 | 31     | S67 and (access near2 point)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:38 |
| S69 | 781    | (access near2 point) with<br>(stor\$3) with request\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:44 |
| S70 | 1      | S59 and S69 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:45 |
| S71 | 13534  | poll\$3 with (periodically<br>repeat\$3 recurr\$3 timer)                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:45 |
| S72 | 12     | S69 and S71  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:45 |
| S73 | 2      | S72 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:45 |
| S74 | 344910 | power with consumption   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:46 |

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|-----|--------|---|---|----|----|---------------------|
| S75 | 1235   | poll\$3 with (periodically repeat\$3 recurr\$3 timer) with request\$1 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:46 |
| S76 | 131    | S74 and S75   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:46 |
| S77 | 59     | S76 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:47 |
| S78 | 397230 | power with (consumption sav \$3)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:47 |
| S79 | 76     | S75 and S78 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:47 |
| S80 | 13534  | poll\$3 with (periodically repeat\$3 recurr\$3 timer)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:56 |
| S81 | 2180   | S78 and S80   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:56 |
| S82 | 1104   | S81 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:56 |
| S83 | 227130 | (cach\$3 stor\$3) with (request \$3)                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:57 |
| S84 | 399    | S82 and S83   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>21:57 |
| S85 | 2278   | (request\$3 near5 content\$1) same (firewall gateway)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:06 |



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|-----|--------|---|---|----|----|---------------------|
| S86 | 210060 | ((queue\$3 buffer\$3 stor\$3) with request\$1)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:08 |
| S87 | 4329   | S86 and S80   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:09 |
| S88 | 212    | S87 and S36   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:09 |
| S89 | 59     | S88 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:09 |
| S90 | 218636 | ((queue\$3 buffer\$3 stor\$3 cach\$3) with request\$1)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:11 |
| S91 | 1823   | S80 same ((poll\$3) with request\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:12 |
| S92 | 817626 | (upload\$3 up\$load\$3 forward\$3 transmit\$4) with (data\$1 file\$1 document\$1 (web near5 content)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:12 |
| S93 | 744    | S90 and S91 and S92   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:13 |
| S94 | 398    | S93 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:13 |
| S95 | 194    | S91 same S92  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:14 |
| S96 | 121    | S95 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:14 |

|      |       |  |   |    |    |                     |
|------|-------|--|---|----|----|---------------------|
| S97  | 16    | (web near5 content near5 server) same ((periodically repeat\$3) with poll\$3)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:30 |
| S98  | 10    | S97 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:30 |
| S99  | 68    | (server) same ((periodically repeat\$3) with poll\$3) with (gateway)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:38 |
| S100 | 18    | (server) with ((periodically repeat\$3) with poll\$3) with (gateway)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:38 |
| S101 | 0     | S100 same S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:38 |
| S102 | 4     | S100 and S32   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:38 |
| S103 | 716   | provid\$3 with (request\$3 identif\$3) with (web near2 content\$3) with request\$3 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:40 |
| S104 | 55621 | request\$3 with (periodically repeat\$3 recurr\$3 timer)                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:41 |
| S105 | 49    | S103 and S104 and S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:41 |
| S106 | 37    | S105 and (gateway proxy)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>22:43 |
| S107 | 1     | 10/053402  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:20 |

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| S108 | 1      | "20010023448"                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:23 |
| S109 | 1      | ActiveRunner near5 agent             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:35 |
| S110 | 0      | ActiveRunner\$agent                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:36 |
| S111 | 1      | ActiveRunner                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:36 |
| S112 | 1      | ActiveRunner with agent              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:37 |
| S113 | 7312   | remote with file with access<br>\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:37 |
| S114 | 5401   | task\$3 near5 queue\$1               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:38 |
| S115 | 208350 | response with (task\$1<br>request)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:38 |
| S116 | 167    | S113 and S114 and S115               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:38 |
| S117 | 108    | S116 and S32                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:38 |
| S118 | 336967 | process\$3 with (task\$1<br>request) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:40 |

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| S119 | 118  | S113 and S114 and S118 and S32      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:40 |
| S120 | 7456 | poll\$3 with (proxy gateway server) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:41 |
| S121 | 13   | S119 and S120                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:41 |
| S122 | 23   | "6675205"                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:51 |
| S123 | 1    | "6675205".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/15<br>23:51 |
| S124 | 1    | "7203725".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:10 |
| S125 | 1    | "20020023140".pn. and (push poll)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:22 |
| S126 | 0    | active near2 runner near2 agent     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:26 |
| S127 | 1    | active\$runner near2 agent          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:26 |
| S128 | 1    | "6775291".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:27 |
| S129 | 1    | "20020023140" and wireless          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:28 |

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| S130 | 4        | 10/046447   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:35 |
| S131 | 1        | "20020023140" and (simple<br>near5 object near5 protocol) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>00:38 |
| S132 | 23       | "6675205"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>11:50 |
| S133 | 1        | "6675205".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>11:51 |
| S134 | 0        | 11/026300   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>13:17 |
| S135 | 1        | "20020023140" and configu<br>\$3                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/04/16<br>16:19 |
| S138 | 250      | WAKE-ON-LAN   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:20 |
| S139 | 12519925 | @ad<"20011101"<br>@rlad<"20011101"                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:20 |
| S140 | 91       | S138 and S139   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:20 |
| S141 | 17       | S140 and poll\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:22 |
| S142 | 5        | S140 and (poll\$3 with<br>request\$3)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:25 |

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| S143 | 11839 | (periodicall\$3 repeat\$3) with poll\$3               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:27 |
| S144 | 34508 | (up\$load\$3 upload\$3) with (file\$1 data metadata)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:28 |
| S145 | 34508 | S144 same S144  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:28 |
| S146 | 863   | S145 and (poll\$3 with (periodically repeat\$3))      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:28 |
| S147 | 863   | S145 and S146   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:28 |
| S148 | 431   | S147 and S139   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:28 |
| S149 | 29214 | (up\$load\$3 upload\$3) near5 (file\$1 data metadata) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:31 |
| S150 | 731   | S149 and S143   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:31 |
| S151 | 358   | S150 and S139   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:31 |
| S152 | 46    | S149 same S143  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:31 |
| S153 | 23    | S152 and S139   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:32 |

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| S154 | 24273    | (transmit\$3 sent\$3) near5 identified                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:45 |
| S155 | 24       | S154 same S143   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:45 |
| S156 | 15       | S155 and S139  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:45 |
| S157 | 243237   | (transmit\$3 sent\$3) near5 (message\$1 file\$1)           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:48 |
| S158 | 646      | S143 same S157   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:48 |
| S159 | 411      | S158 and S139  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/06/09<br>10:48 |
| S160 | 811      | (back near2 off) with (notification indication message\$1) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/28<br>14:27 |
| S161 | 12529545 | @ad<"20011101"<br>@rlad<"20011101"                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/28<br>14:28 |
| S162 | 431      | S160 and S161  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/28<br>14:28 |
| S163 | 2        | "7080141".pn. "7350112".pn.                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>09:57 |
| S164 | 5        | "7080141".pn. "7350112".pn. 11/317893                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>09:57 |

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| S165 | 463      | (periodically interval) with<br>saml\$3 with request\$1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:12 |
| S166 | 12529721 | @ad<"20011101"<br>@rlad<"20011101"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:12 |
| S167 | 227      | S165 and S166  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:12 |
| S168 | 1106     | (periodically (periodic near2<br>time near2 interval)) with<br>check\$3 with request\$1                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:14 |
| S169 | 567      | S168 and S166  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:14 |
| S170 | 21243    | (periodically (periodic near2<br>time near2 interval) (schedul<br>\$3 near5 time)) with request<br>\$1 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:17 |
| S171 | 383258   | retriev\$3 with (file\$1 data<br>information resource)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:18 |
| S172 | 768      | S170 same S171   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:18 |
| S173 | 349      | S172 and S166  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2009/10/29<br>10:18 |
| S174 | 2        | "6131116".pn. "6131096".<br>pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>13:30 |
| S175 | 1        | "20010023448".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>13:44 |



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| S176 | 141      | ("4831582"   "5220603"  <br>"5263157"   "5581749"  <br>"5613012"   "5627658"  <br>"5644354"   "5657390"  <br>"5666553"   "5682478"  <br>"5682524"   "5684990"  <br>"5701423"   "5706502"  <br>"5715403"   "5754830"  <br>"5757916"   "5768510"  <br>"5778346"   "5784463"  <br>"5784464"   "5802530"  <br>"5812668"   "5815683"  <br>"5828840").PN. OR<br>("6131116").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                | OR | ON | 2010/08/18<br>14:24 |
| S177 | 12549788 | @ad<"20011101"<br>@rlad<"20011101"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>14:24 |
| S178 | 115      | S177 and S176   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>14:25 |
| S179 | 15       | "20020132603".pn.<br>"20020191587".pn.<br>"20090205026".pn.<br>"6341316".pn. "6351747".<br>pn. "6381636".pn.<br>"6505200".pn. "6658464".<br>pn. "6735601".pn.<br>"6757696".pn. "6779019".<br>pn. "6922725".pn.<br>"6934756".pn. "7203725".<br>pn. "7433702".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>16:45 |
| S180 | 1        | "7330872".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/18<br>17:03 |
| S181 | 3        | "20050078692".pn.<br>"6775644".pn. "7379999".<br>pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/22<br>19:40 |
| S182 | 1        | 10/742263   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/22<br>20:01 |
| S183 | 1        | 10/742263 and state   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/22<br>20:01 |

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| S184 | 28 | 10/742233 and state | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/22<br>20:01 |
| S185 | 1  | 10/742253 and state | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2010/08/22<br>20:02 |

**8/ 26/ 2010 9:41:57 AM****C:\ Documents and Settings\ ktang4\ My Documents\ EAST\ Workspaces\ 10053402 II.wsp**